

REPORT

STATISTICAL

REPORT NO. 144-87
October 9, 1987

**national
machine
tool builders
association**

7901 WESTPARK DRIVE
MCLEAN, VA 22102-4269
PHONE: (703) 893-2900
TELEX: 353819 NMTBA MCLN

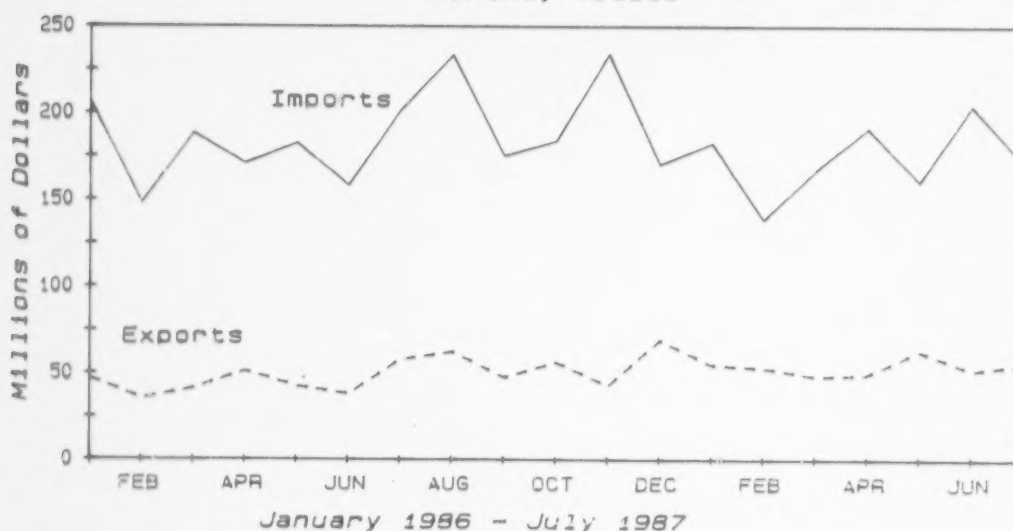
U.S. FOREIGN TRADE IN MACHINE TOOLS - JULY 1987

During July 1987, U.S. exports rose 7% from their June 1987 total while U.S. imports fell 16%. Year-to-date machine tool exports of \$375.2 million rose 20% above the same period last year. Imports, at \$1,215.9 million, fell 3% from the year-to-date total for 1986. These changes combined to produce a trade deficit of \$840.7 million for the first seven months of 1987. This is 11% below the same period last year.

U.S. Machine Tool Trade (\$Millions)

	July 1987			Seven Month Total		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	\$ 37.1	\$123.0	(\$ 85.9)	\$215.2	\$ 905.0	(\$ 689.8)
Metal Forming	\$ 18.3	\$ 48.4	(\$ 30.1)	\$160.0	\$ 311.0	(\$ 151.0)
Total	\$ 55.3	\$171.4	(\$116.1)	\$375.2	\$1,215.9	(\$ 840.7)

U.S. FOREIGN TRADE -- TOTAL MACHINE TOOLS Monthly Totals

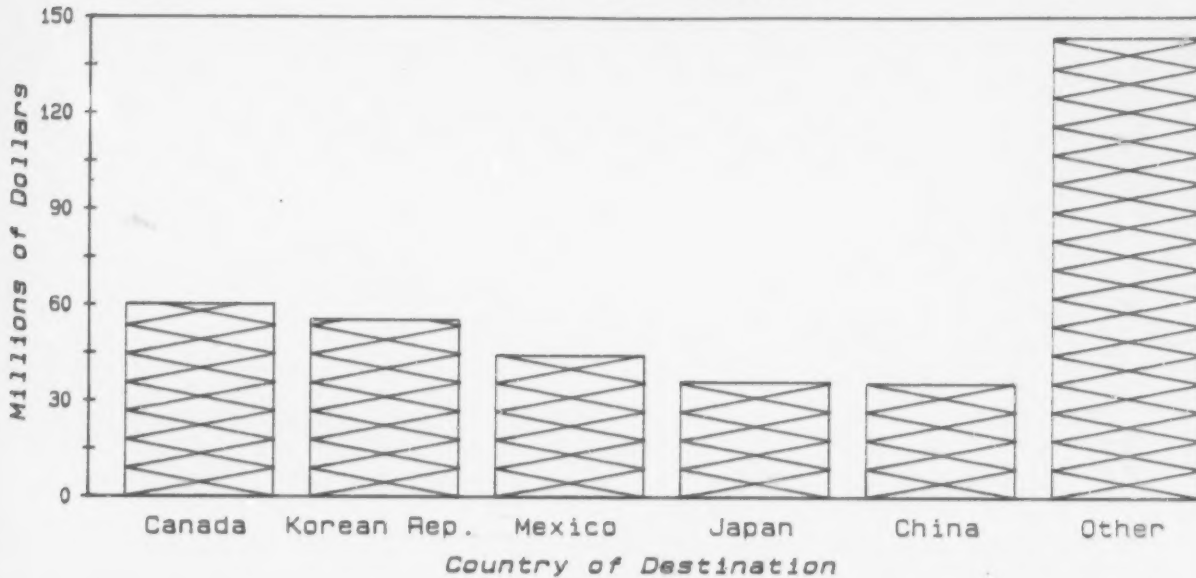


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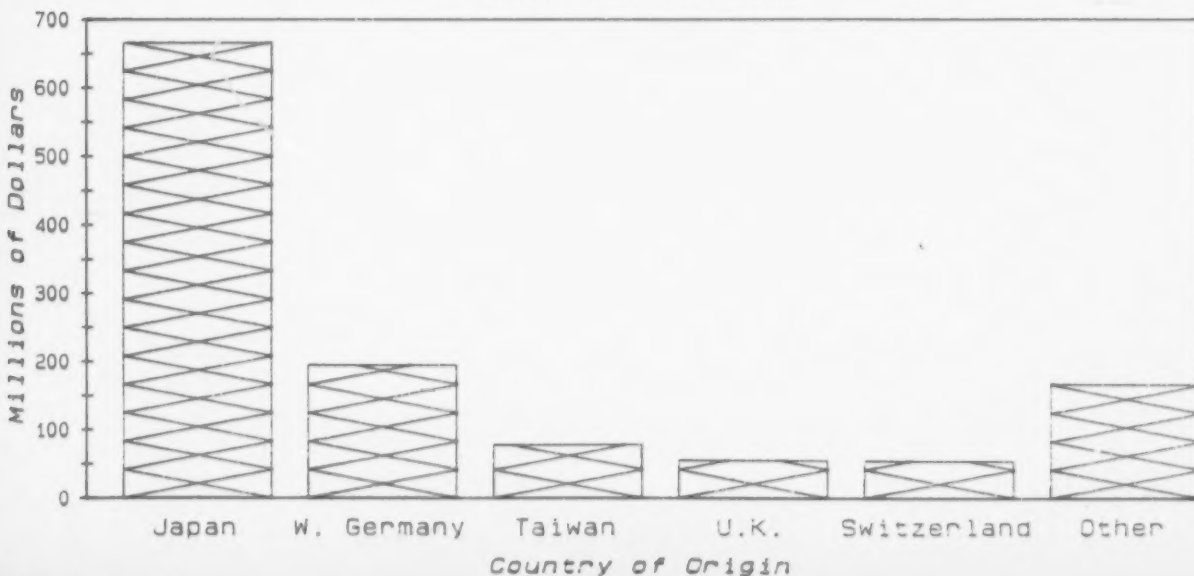
U.S. exports of metal cutting machine tools rose 26% compared to June's level while metal forming exports fell 18%. Compared to the first seven months of 1986, metal cutting exports were up 13% and exports of metal forming machinery increased 32%. For January through July 1987, the leading export markets were (in millions): Canada (\$60.2), the Korean Republic (\$55.4), Mexico (\$44.3), Japan (\$36.1) and China (\$35.6).

U.S. EXPORTS
1987, Year to Date



U.S. imports of both metal cutting and metal forming machine tools decreased from last month's levels, falling 6% and 34%, respectively. Year-to-date imports of metal cutting machinery were 7% below the first seven months of 1986. Metal forming imports increased 9% from the comparable period last year. Leading exporters of machine tools to the U.S. during the first seven months of 1987 were (in millions): Japan (\$665.5), West Germany (\$195.1), Taiwan (\$78.3), the United Kingdom (\$55.4) and Switzerland (\$54.4).

U.S. IMPORTS
1987, Year to Date



U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1987

RELEASED: OCTOBER 9, 1987

		TOTAL YTD		TOTAL MO.	
		UNITS	\$000	UNITS	\$000
674: METAL CUTTING					
3020	Gear Hobbers & Shapers	27	3044	0	0
3045	Gear Cutting Machines, N.E.C.	50	15774	6	2000
3204	Vertical Mach. Ctrs. A/C, NC, Y-Axis Travel 26" or Less	23	1211	0	0
3206	Vertical Mach. Ctrs. A/C, NC, Y-Axis Travel Over 26"	2	417	0	0
3209	Horizontal Machining Centers, A/C, NC	14	3871	2	260
3211	Machining Centers, NC, N.E.C.	119	8985	15	1318
3216	Single Station and Multi-Station Transfer Machines	18	8382	1	420
3225	Way Type Machines (Unit Heads)	9	1809	0	0
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	6	901	1	288
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	5	580	0	0
3247	Vertical Boring-Drilling-Milling Machines, NC	10	896	2	182
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	15	1508	0	0
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	28	1346	2	441
3254	Drilling Machines, NC	17	1013	5	248
3255	Drilling Machines, Multi-Spindle, Non-NC	30	1676	0	0
3256	Drilling Machines, Radial, Non-NC	39	394	4	73
3257	Drilling Machines, Upright, Single Spindle, Non-NC	7	173	0	0
3258	Drilling Machines, Non-NC, N.E.C.	109	2294	21	174
3264	Milling Machines, NC	26	7147	9	3887
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	13	254	1	12
3267	Milling Machines, Knee Type, Non-NC	0	0	0	0
3268	Milling Machines, Bed Type, Non-NC	1	32	1	32
3269	Milling Machines, Non-NC, N.E.C.	85	2932	21	435
3276	Vertical Boring Machines, Incl. UTls, NC	4	1114	0	0
3277	Vertical Boring Machines, Incl. UTls, Non-NC	121	8831	0	0
3281	Boring Machines, NC, N.E.C.	1	245	0	0
3283	Boring Machines, Non-NC, N.E.C.	28	2339	3	123
3503	Horizontal Lathes, Multi-Spindle, NC	5	1062	1	125
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	44	3848	7	485
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	9	1800	2	689
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	7	1797	1	271
3510	Horizontal Engine & Toolroom Lathes, Non-NC	45	744	5	60
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	3	115	0	0
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	6	446	1	190
3515	Automatic Bar Machines, Single-Spindle, Non-NC	21	500	2	153
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	26	1154	2	426
3518	Horizontal Lathes, Non-NC, N.E.C.	351	10599	25	646
3521	Vertical Lathes, Multi-Spindle, Excl. UTls, NC	4	1069	1	86
3523	Vertical Lathes, Excl. Multi-Spindle & UTls, NC	4	799	1	40
3525	Vertical Lathes, Excl. UTls, Non-NC	70	4586	15	663
3528	Grinding, Polishing, Honing & Lapping Machines, NC	105	15761	33	6789
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	19	2953	7	1296
3531	Tool & Cutter Grinding Machines, Non-NC	143	5248	23	2534
3532	Honing & Lapping Machines, Non-NC	207	3642	14	127
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	95	1657	6	166
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	250	16026	92	4554
3541	External Grinding Machines, Non-NC	14	798	2	202
3542	Internal Grinding Machines, Non-NC	18	2655	0	0
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	107	6651	10	888
3546	Grinding Machines, Non-NC, N.E.C.	184	7473	20	858
3547	Traveling Wire Electrical Discharge Machines	5	57	0	0
3549	All Other Electrical Discharge Machines	73	963	6	98
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	10	621	0	0
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	22	689	2	20
3559	Metal Cutting Machine Tools, NC, N.E.C.	33	2220	3	42
3565	Sawing & Cut-Off Machines, Non-NC	270	4496	37	403
3566	Broaching Machines, Non-NC	4	95	0	0
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	101	5438	8	758
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	2901	24047	308	3557
5000	Metal Cutting Machine Tools, Less Than \$2500**	15144	7998	2340	1046
TOTAL CUTTING				3068	37073
TOTAL CUTTING YTD		21107	215216		
674: METAL FORMING					
1011	Die Casting Machines & Parts	0	9947	0	1407
3568	Metal Forming Machine Tools, Used Or Rebuilt	439	10290	32	866
3569	Metal Forming Machine Tools, Less Than \$2500	4698	2786	500	387
3571	Punching & Shearing Machines, Incl. Combination, NC	43	4689	6	559
3573	Shearing Machines, Non-NC	37	2261	2	12
3575	Punching & Combination Punching & Shearing Machines, Non-NC	336	5513	19	546
3578	Bending, Folding, Straightening & Flattening Machines, NC	48	2763	4	228
3582	Press Brakes, Non-NC	19	549	3	198
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	10	970	2	25
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	367	11767	38	1280
3588	Mechanical Presses	135	10779	27	2682
3589	Hydraulic Presses, Vertical, Single Action	24	4401	5	1046
3590	Hydraulic & Pneumatic Presses	431	27702	56	3699
3594	Headers & Upsetters, Non-NC	49	7216	10	549
3595	Forging Machines, Non-NC, N.E.C.	121	4250	2	21
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	576	54105	113	4760
TOTAL FORMING				819	18266
TOTAL FORMING YTD		7334	160008		
TOTAL ALL TYPES				3887	55339
TOTAL ALL TYPES YTD		28440	375224		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554.

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000
674:										
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	7	485	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	21	4727	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	1	75	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	1	135	0	0	0	0
4000	0	0	0	0	0	0	0	0	0	0
5000	4	3	12	21	0	5	2	0	0	0
CUT MO.	25	4730	19	505	1	135	5	2	1	75
CUT YTD	38	5372	446	9521	2	404	154	2663	28	167
1011	0	11	0	0	0	0	0	27	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	3	2	0	0	10	7	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	1	14	1	57
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	1	106
3589	0	0	0	0	0	0	0	0	0	0
3590	1	18	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO.	1	28	3	2	0	0	11	48	2	163
FRM YTD	4	230	224	626	9	189	110	1913	11	503
101 MO.	26	4758	22	507	1	135	16	49	3	238
101 YTD	42	5601	670	10147	11	594	264	4575	39	670

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1987

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000
674:	0	0	0	0	0	0	0	0	0	0
3020	0	0	0	0	2	378	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	2	9	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	1	21
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	3	22
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	1	27	0	0	0	0	0	0	0	0
3531	0	0	0	0	7	1889	0	0	0	0
3532	0	0	2	18	0	0	2	21	1	8
3533	0	0	0	0	0	0	0	0	0	0
3538	1	9	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	2	163	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	2	10	0	0	0	0	5	24	0	0
5000	100	11	11	7	0	0	111	17	0	0
CUT MO.	106	220	13	25	11	2276	118	62	5	50
CUT YTD	386	2850	203	1442	32	3637	302	846	20	569
1011	0	2	0	3	0	0	0	0	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	2	27
3588	1	20	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	2	334	1	73	0	0	0	0	0	0
FRM MO.	3	356	1	76	0	0	0	0	2	27
FRM YTD	67	3872	71	1805	0	0	12	891	25	1819
TOT MO.	109	576	14	101	11	2276	118	62	7	77
TOT YTD	453	6722	274	3248	32	3637	314	1736	45	2388

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1987

	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000
674:										
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	1	548	1	772
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	1	63	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	1	5	0	0	0	0	0	0
3264	0	0	0	0	0	0	6	275	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	1	60	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	1	132	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	2	120	0	0	0	0	0	0
3528	0	0	0	0	0	0	1	45	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	1	44	0	0
3546	0	0	0	0	0	0	1	205	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	5	31	0	0	4	34	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	1	83	0	0	0	0	0	0
4000	0	0	15	256	0	0	0	0	0	0
5000	18	11	112	48	0	0	83	69	0	0
CUT MO.	19	70	136	543	0	0	101	1414	1	772
CUT YTD	394	1574	2036	8528	3	196	747	11930	4	1284
1011	0	18	0	10	0	0	0	10	0	0
3568	0	0	3	4	0	0	0	0	0	0
3569	0	0	0	0	0	0	64	69	0	0
3571	1	173	1	76	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	2	47	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	1	42	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	2	44	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	26	1469	0	0	0	0	0	0
3594	0	0	0	0	0	0	7	40	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	2	68	16	115	0	0	1	35	0	0
FRM MO.	3	260	48	1718	0	0	75	242	0	0
FRM YTD	22	1669	158	6086	36	1042	364	5076	4	132
TOI MO.	22	330	184	2262	0	0	176	1656	1	772
TOI YTD	416	3243	2194	14614	39	1238	1111	17007	8	1416

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1987

	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000
674:										
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	1	53	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	178	1	82	0	0	0	0
3211	0	0	1	30	0	0	0	0	0	0
3216	0	0	0	0	1	420	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	1	116	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	2	441	0	0	0	0
3254	0	0	1	23	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	1	14	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	11	50	0	0	0	0
3264	0	0	0	0	1	1672	0	0	0	0
3266	0	0	0	0	1	12	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	1	32	0	0	0	0	0	0
3269	0	0	2	12	3	90	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	1	25	0	0	0	0	0	0
3503	0	0	1	125	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	1	271	0	0	0	0
3510	0	0	3	42	0	0	1	3	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	2	426	0	0	0	0	0	0
3518	1	18	2	21	11	166	2	7	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	2	206	2	77	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	8	382	3	69	0	0	0	0
3532	0	0	6	53	2	10	0	0	0	0
3533	0	0	2	25	0	0	0	0	0	0
3538	0	0	0	0	2	73	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	3	46	0	0	0	0
3546	0	0	5	63	8	33	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	2	4	1	35	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	3	42	0	0	0	0	0	0
3565	0	0	8	93	10	69	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	1	7	0	0	0	0	0	0
4000	2	338	37	362	101	972	13	31	0	0
5000	39	29	387	399	46	34	33	20	0	0
CUI MO.	42	385	477	2665	212	4688	49	61	0	0
CUT YTD	269	1415	4236	35624	2318	27719	459	1240	69	616
1011	0	62	0	82	0	263	0	0	0	0
3568	0	0	2	17	14	167	0	0	0	0
3569	0	0	243	131	79	112	0	0	0	0
3571	0	0	2	155	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	2	11	0	0	0	0	0	0
3578	0	0	0	0	3	215	0	0	0	0
3582	0	0	1	96	1	60	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	1	9	20	600	8	358	0	0	0	0
3588	0	0	3	56	5	81	0	0	1	26
3589	0	0	3	210	0	0	0	0	0	0
3590	2	98	3	903	16	214	2	24	0	0
3594	0	0	0	0	1	5	0	0	0	0
3595	0	0	0	0	2	21	0	0	0	0
3598	0	0	14	929	21	412	0	0	0	0
FRM MO.	3	168	293	3192	150	1908	2	24	1	26
FRM YTD	44	1349	3153	24547	1064	16617	84	776	12	463
FOR MO.	45	553	770	5857	362	6596	51	85	1	26
101 YTD	313	2763	7389	60171	3387	44336	543	2016	81	1079

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1987

	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM		CHINA	
	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000
674:	0	0	0	0	0	0	0	0	0	0
3020	0	0	0	0	0	0	0	0	1	250
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	1	288
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	1	66	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	5	78	2	20	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	1	13	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	1	73	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	2	689
3509	0	0	0	0	0	0	0	0	0	0
3510	1	16	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	2	24	2	9	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	1	40	0	0	0	0	0	0
3525	0	0	3	107	0	0	0	0	0	0
3528	6	553	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	1	421	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	1	177
3546	1	123	0	0	0	0	0	0	1	231
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	2	20	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	4	168	13	112	0	0	5	104
5000	8	3	6	13	9	20	40	12	0	0
CUT MO.	23	1266	18	372	27	227	41	25	11	1738
CUT YTD	133	6947	74	903	367	790	199	836	726	17495
1011	0	0	0	0	0	0	0	3	0	0
3568	1	54	0	0	7	49	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	1	15
3578	0	0	0	0	0	0	1	13	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	3	131	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	1	194	1	64	0	0	1	34
3594	1	247	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO.	5	432	1	194	8	112	1	15	2	49
FRM YTD	72	4915	26	558	77	2407	303	495	114	18144
TOT MO.	28	1698	19	566	35	339	42	40	13	1787
TOT YTD	205	11862	100	1461	444	3196	502	1331	840	35639

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1987

	HONG KONG		INDIA		INDONESIA		ISRAEL		JAPAN	
	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000
674:										
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	12	872
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	1	50	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	1	9
3264	0	0	0	0	1	87	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	11	243	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	1	190	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	3	924
3529	0	0	0	0	0	0	0	0	6	1270
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	41	654
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	1	221
3546	0	0	0	0	0	0	0	0	2	7
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	4	124
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	0	0	0	0	1	60
5000	142	14	0	0	0	0	3	2	968	169
CUT MO	142	14	0	0	13	379	4	192	1039	4308
CUT YTD	634	1029	109	2359	17	632	464	1287	2488	19531
1011	0	0	0	6	0	0	0	0	0	2
3568	0	0	0	0	0	0	0	0	0	0
3569	4	2	0	0	0	0	0	0	23	21
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	2	25
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	1	437	0	0	3	83
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	1	14	1	552
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	1	36
FRM MO	4	2	0	6	1	437	1	14	30	719
FRM YTD	23	786	8	269	1	437	8	263	169	16554
TOT MO	146	16	0	6	14	815	5	206	1069	5027
TOT YTD	657	1816	117	2628	18	1069	472	1550	2657	36084

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1987

	KOREAN REP.		PAKISTAN		S. ARABIA		SINGAPORE		TAIWAN	
	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000
674:										
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	1	320	0	0	0	0	0	0	1	96
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	3	18	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	2	379	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	1	17	0	0	0	0	0	0	0	0
3528	1	281	0	0	0	0	0	0	1	259
3529	0	0	0	0	0	0	0	0	0	0
3531	5	194	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	4	141
3538	46	3231	0	0	0	0	0	0	0	0
3541	1	190	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	1	163	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	1	3	1	193
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	1	16	1	27
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	1	15	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	3	410	0	0	0	0	0	0	2	123
4000	0	0	37	250	0	0	4	390	2	197
5000	55	19	0	0	13	21	2	4	7	2
CUI MO.	119	5223	38	265	13	21	8	413	19	1040
CUI YTD	844	26254	228	797	216	290	441	3721	252	4395
1011	0	90	0	0	0	0	0	157	0	573
3568	4	554	0	0	0	0	1	20	0	0
3569	4	2	0	0	3	3	32	10	1	2
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	16	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	1	21	0	0
3588	3	1414	5	50	0	0	2	367	0	0
3589	2	836	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	1	257	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	39	2045	0	0	0	0	0	0	0	0
FRM MO.	54	5213	5	50	3	3	36	575	1	575
FRM YTD	302	29184	5	50	52	59	89	3284	21	1473
TOT MO.	173	10435	43	315	16	24	44	988	20	1615
TOT YTD	1146	55439	233	847	268	349	530	7005	27	5868

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1987

	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000
674:	0	0	0	0	0	0	0	0	0	0
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	1	163	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	1	12	0	0	0	0	0	0	0	0
3264	1	1853	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	1	86	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	5	137	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	1	18	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	1	167	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	1	16	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	1	4	1	11	3	23	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	67	283	0	0	0	0	0	0	0	0
5000	3	4	5	5	89	41	2	3	1	2
CUI MO.	75	2485	6	17	100	321	2	3	1	2
CUT YTD	159	5391	384	813	1006	3293	35	107	1	2
1011	0	0	0	32	0	34	0	22	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	17	9	12	12	2	2	0	0	0	0
3571	0	0	2	154	0	0	0	0	0	0
3573	2	12	0	0	0	0	0	0	0	0
3575	2	198	4	161	4	22	1	5	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	1	8	1	56	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	1	116	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	1	514	0	0	0	0	0	0	0	0
FRM MO.	23	740	19	415	7	174	1	27	0	0
FRM YTD	31	2395	139	2048	280	2457	8	432	2	20
TOT MO.	98	3225	25	432	107	495	3	29	1	2
TOT YTD	190	7786	523	2861	1286	5749	43	539	3	22

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1987

	EGYPT		WEP S. AFN		OTH. AFRICA	
	UNITS	\$000	UNITS	\$000	UNITS	\$000
678	0	0	0	0	0	0
1020	0	0	0	0	0	0
1045	0	0	0	0	0	0
1204	0	0	0	0	0	0
1206	0	0	0	0	0	0
1209	0	0	0	0	0	0
1211	0	0	0	0	0	0
1216	0	0	0	0	0	0
1225	0	0	0	0	0	0
1245	0	0	0	0	0	0
1246	0	0	0	0	0	0
1247	0	0	0	0	0	0
1248	0	0	0	0	0	0
1249	0	0	0	0	0	0
1254	0	0	0	0	0	0
1255	0	0	0	0	0	0
1256	0	0	0	0	0	0
1257	0	0	0	0	0	0
1258	0	0	0	0	0	0
1264	0	0	0	0	0	0
1266	0	0	0	0	0	0
1267	0	0	0	0	0	0
1268	0	0	0	0	0	0
1269	0	0	0	0	0	0
1276	0	0	0	0	0	0
1277	0	0	0	0	0	0
1281	0	0	0	0	0	0
1283	0	0	0	0	1	25
1503	0	0	0	0	0	0
1505	0	0	0	0	0	0
1507	0	0	0	0	0	0
1509	0	0	0	0	0	0
1510	0	0	0	0	0	0
1511	0	0	0	0	0	0
1512	0	0	0	0	0	0
1515	0	0	0	0	0	0
1516	0	0	0	0	0	0
1518	0	0	0	0	0	0
1521	0	0	0	0	0	0
1523	0	0	0	0	0	0
1525	0	0	0	0	0	0
1528	0	0	0	0	0	0
1529	0	0	0	0	0	0
1531	0	0	0	0	0	0
1532	0	0	0	0	0	0
1533	0	0	0	0	0	0
1538	0	0	0	0	0	0
1541	1	12	0	0	0	0
1542	0	0	0	0	0	0
1544	0	0	0	0	0	0
1546	0	0	0	0	0	0
1547	0	0	0	0	0	0
1549	0	0	0	0	0	0
1551	0	0	0	0	0	0
1553	0	0	0	0	0	0
1559	0	0	0	0	0	0
1565	0	0	0	0	0	0
1566	0	0	0	0	0	0
1567	0	0	0	0	0	0
4000	0	0	0	0	0	0
5000	2	2	18	32	6	10
CUT MO.	3	15	18	32	7	35
CUT YTD	7	72	145	401	32	231
1011	0	0	0	0	0	0
1568	0	0	0	0	0	0
1569	0	0	3	4	0	0
1571	0	0	0	0	0	0
1573	0	0	0	0	0	0
1575	0	0	0	0	0	0
1578	0	0	0	0	0	0
1582	0	0	0	0	0	0
1583	0	0	0	0	0	0
1584	0	0	0	0	1	71
1588	0	0	0	0	0	0
1589	0	0	0	0	0	0
1590	0	0	0	0	0	0
1594	0	0	0	0	0	0
1595	0	0	0	0	0	0
1598	0	0	15	199	0	0
FRM MO.	0	0	18	203	1	71
FRM YTD	82	410	38	767	9	2977
101 MO	3	15	16	236	8	106
101 YTD	89	482	183	1169	41	3208

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
JULY 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	\$000	UNITS	\$000	UNITS	\$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	2	338	0	62	2	400
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	0	0	2	98	2	98
EAST GERMANY	0	0	0	0	0	0
FINLAND	0	0	1	9	1	9
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	0	0	0	0	0	0
ICELAND	3	5	0	0	3	5
MALTA	0	0	0	0	0	0
NORWAY	37	42	0	0	37	42
PORTUGAL	0	0	0	0	0	0
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	42	385	3	168	45	553

OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	14	6	0	0	14	6
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	12	15	0	0	12	15
HAITI	0	0	0	0	0	0
HONDURAS	10	15	2	24	12	39
JAMAICA	0	0	0	0	0	0
LM & W IS.	0	0	0	0	0	0
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	12	21	0	0	12	21
SALVADOR	1	3	0	0	1	3
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	49	61	2	24	51	85

OTHER SOUTH AMERICA						
BOLIVIA	2	4	0	0	2	4
CHILE	36	6	1	13	37	18
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	2	3	0	3	2	5
SURINAM	0	0	0	0	0	0
URUGUAY	1	13	0	0	1	13
OTHER S. AM.	0	0	0	0	0	0
TOTAL	41	25	1	15	42	40

OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	1	2	0	0	1	2
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	1	2	0	0	1	2

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
JULY 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	\$000	UNITS	\$000	UNITS	\$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	5	5	0	0	5	5
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	3	2	3	2
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	11	181	11	181
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PHILIPPINES	0	0	3	53	3	53
QATAR	0	0	0	0	0	0
SAI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	1	11	2	178	3	189
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	6	17	19	415	25	432
OTHER AFRICA						
AFANS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	1	71	1	71
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	1	25	0	0	1	25
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	6	10	0	0	6	10
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	7	35	1	71	8	106

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1) '0-' = DOLLAR AMOUNT LESS THAN \$500. 2) N.E.C. - NOT ELSEWHERE CLASSIFIED. 3) INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JULY 1987

RELEASED: OCTOBER 9, 1987

	TOTAL YTD		TOTAL MO.	
	UNITS	\$000	UNITS	\$000
674: METAL CUTTING				
3025 Gear Hobbers	52	7877	4	1032
3035 Gear Shapers	23	5151	3	986
3045 Gear Cutting Machines, N.E.C.	16	1206	2	41
3404 Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	1027	88683	144	11850
3406 Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	166	15345	26	2152
3409 Horizontal Machining Centers, ATC, NC	424	65040	69	12186
3411 Machining Centers, NC, N.E.C.	329	37816	49	5485
3412 Single Station and Multi-Station Transfer Machines	40	10895	14	1028
3413 Way Type Machines, (Unit Heads)	3	179	0	0
3417 Horiz. Boring-Drilling-Milling Machines, Table Type, NC	5	2288	0	0
3418 Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	45	12361	1	371
3419 Vertical Boring-Drilling-Milling Machines, NC	118	9803	20	1283
3422 Horiz. Boring-Drilling-Milling Machines, Non-NC	16	701	0	0
3423 Vertical Boring-Drilling-Milling Machines, Non-NC	97	4246	19	2027
3328 Drilling Machines, NC	98	5207	19	1450
3329 Drilling Machines, Multi-Spindle, Non-NC	36	1427	13	276
3334 Drilling Machines, Radial, Non-NC	116	675	18	149
3336 Drilling Machines, Upright, Single Spindle, Non-NC	30	229	11	61
3342 Drilling Machines, Non-NC, N.E.C.	416	11851	140	3033
3464 Milling Machines, NC	418	21144	44	3357
3466 Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	10	666	2	14
3467 Milling Machines, Knee Type, Non-NC	2007	11575	290	1652
3468 Milling Machines, Bed Type, Non-NC	146	2602	35	438
3469 Milling Machines, Non-NC, N.E.C.	633	9676	146	1360
3476 Vertical Boring Machines, Incl. UTL's, NC	19	3326	9	1315
3477 Vertical Boring Machines, Incl. UTL's, Non-NC	62	1706	8	376
3481 Boring Machines, NC, N.E.C.	25	2680	2	138
3483 Boring Machines, Non-NC N.E.C.	189	5450	24	268
3504 Horizontal Lathes, Multi-Spindle, NC	57	5706	14	1508
3506 Horizontal Lathes, Single Spindle, Less than 25 HP, NC	1940	100900	327	18935
3508 Horizontal Lathes, Single Spindle, 25-50 HP, NC	268	25273	30	2331
3510 Horizontal Lathes, Single Spindle, Over 50 HP, NC	148	12113	24	2220
3512 Horizontal Engine & Toolroom Lathes, Non-NC	1861	14757	321	2399
3513 Automatic Chucking Lathes, Single Spindle, Non-NC	67	2088	10	456
3514 Automatic Chucking Lathes, Multi-Spindle, Non-NC	29	4364	7	317
3515 Automatic Bar Machines, Single Spindle, Non-NC	41	1963	22	1123
3516 Automatic Bar Machines, Multi-Spindle, Non-NC	43	1810	0	0
3518 Horizontal Lathes, Non-NC, N.E.C.	165	2313	2	35
3505 Vertical Lathes, Multi-Spindle, NC	69	5375	3	247
3519 Vertical Lathes, NSPF, NC	170	16877	18	1821
3522 Vertical Lathes, Excl. UTL's, Non-NC	566	11793	75	1995
3527 Gear Tooth Grinding & Finishing Machines	182	17914	31	2319
3528 Tool & Cutter Grinding Machines, NC	19	892	2	44
3529 Tool & Cutter Grinding Machines, Non-NC	636	10233	122	1351
3533 Honing & Lapping Machines	150	6952	14	971
3539 Grinding Machines, Flat Surface, NC	39	2953	2	357
3541 Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	104	1853	20	259
3543 Grinding Machines, Flat Surface, Non-NC, N.E.C.	1331	16108	146	1422
3546 Grinding & Polishing Machines, NC, N.E.C.	100	18855	5	2423
3554 External Grinding Machines, Non-NC	159	5664	11	543
3556 Internal Grinding Machines, Non-NC	9	699	3	497
3558 Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	54	5201	10	1046
3559 Grinding Machines, Non-NC, N.E.C.	1017	36994	105	2530
3562 Traveling Wire Electrical Discharge Machines	337	23456	58	3515
3564 All Other Electrical Discharge Machines	250	10674	62	2200
3567 Spark Erosion, Ultrasonic & Electrolytic Machines, NC	56	7505	9	1665
3571 Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	87	1753	16	103
3576 Metal Cutting Machine Tools, NC, N.E.C.	58	67496	16	786
3577 Sawing & Cut-Off Machines, Non-NC	2852	24853	127	1414
3578 Broaching Machines, Non-NC	33	1195	1	113
3579 Metal Cutting Machine Tools, Non-NC, N.E.C.	832	27303	95	2961
4000 Metal Cutting Machine Tools, Used or Rebuilt*	2379	13318	286	1798
5000 Metal Cutting Machine Tools, Less Than \$2500**	673795	57913	120149	8966
TOTAL CUTTING			123255	123008
TOTAL CUTTING YTD	696471	904984		
674: METAL FORMING				
1010 Die Casting Machines	243	16075	22	701
3582 Metal Forming Machine Tools, Used or Rebuilt	395	5055	37	553
3583 Metal Forming Machine Tools, Less Than \$2500	15308	5292	2164	846
3584 Punching and Shearing Machines, Incl. Combination, NC	223	30267	29	3425
3586 Shearing Machines, Non-NC	464	10766	67	2075
3587 Punching & Combination Punching & Shearing Machines, Non-NC	438	6949	29	599
3588 Bending, Folding, Straightening & Flattening Machines, NC	100	8965	18	1287
3589 Press Brakes, Non-NC	471	12523	62	881
3591 Bending Rolls, Ram & Press Bending Machines, Non-NC	53	889	5	87
3592 Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	661	16415	105	3372
3593 Metal Forming Machine Tools, NC, N.E.C.	88	20158	26	2054
3594 Mechanical Presses, Non-NC	912	53669	46	13943
3595 Hydraulic Presses, Vertical, Single Action, Non-NC	87	2129	16	284
3596 Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	362	76881	19	12685
3597 Headers & Upsetters, Non-NC	92	4330	11	1123
3598 Forging Machines, Non-NC, N.E.C.	93	4078	14	177
3599 Metal Forming Machine Tools, Non-NC, N.E.C.	808	36498	125	4273
TOTAL FORMING			2795	48367
TOTAL FORMING YTD	20798	310959		
TOTAL ALL TYPES			126050	171375
TOTAL ALL TYPES YTD	717269	1215943		

*CODE 674000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015,

3415, 3326, 3461, 3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JULY 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000
674:	0	0	0	0	0	0	0	0	0	0
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	1	25
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	10	1202
3412	0	0	0	0	0	0	1	105	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	2	157
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	2	775
3328	0	0	0	0	0	0	0	0	3	868
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	2	7	0	0	1	43	51	672	9	920
3464	0	0	0	0	0	0	9	1296	2	545
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	26	158	0	0	0	0	3	11	1	17
3476	0	0	0	0	0	0	1	505	0	0
3477	0	0	0	0	0	0	0	0	3	221
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	3	20
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	1	353
3522	3	398	0	0	0	0	0	0	3	463
3527	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	2	44
3529	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	14	166
3543	0	0	0	0	0	0	0	0	11	170
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	16	71	0	0	7	29	0	0	28	406
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	0	0	0	0	2	25	14	106
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	0	0	0	0	5	222
4000	1	2	5	30	0	0	0	0	13	166
5000	106	170	99	36	41	49	1431	225	645	163
CUT MO.	154	805	104	66	49	121	1498	3059	772	7008
CUT YTD	1323	4762	645	1185	1781	851	3820	9404	4096	28554
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	1	5
3583	4	5	85	53	0	0	98	31	9	8
3584	0	0	0	0	0	0	0	0	5	94
3586	0	0	10	281	1	30	5	88	2	16
3587	0	0	4	68	3	9	0	0	6	71
3588	0	0	1	108	0	0	0	0	0	0
3589	0	0	4	85	0	0	0	0	3	28
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	5	16	0	0	0	0	16	779
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	2	5
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	0	0	2	16
3597	0	0	0	0	0	0	0	0	1	66
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	1	16	0	0	19	453
FRM MO.	4	5	109	610	5	55	103	119	66	1540
FRM YTD	40	1085	397	5811	11	231	426	2501	1605	15486
TOT MO.	158	810	213	676	54	177	1601	3178	838	8549
TOT YTD	1363	5847	1042	6996	1792	1082	4246	11906	5701	44040

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JULY 1987

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000
674:										
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	1	40	1	963
3412	0	0	0	0	0	0	0	0	3	373
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	1	18	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	8	79	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	26	85	0	0	1	63
3464	0	0	0	0	0	0	0	0	1	136
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	100	513	0	0	0	0
3468	0	0	0	0	0	0	1	130	0	0
3469	0	0	0	0	17	104	0	0	37	205
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	0	0	0	0	1	117
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	1	103	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	19	1025
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	2	35
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	0	0	0	0	2	79	1	134	1	136
3527	0	0	0	0	0	0	1	331	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	6	123
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	1	186	0	0	0	0	0	0	1	84
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	3	279	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	3	52	0	0	0	0	0	0	0	0
3559	5	143	0	0	0	0	0	0	0	0
3562	0	0	0	0	0	0	0	0	9	744
3564	0	0	0	0	1	98	0	0	5	434
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	8	26	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	0	0	2	29	0	0
4000	3	7	0	0	1	19	0	0	6	22
5000	129	205	0	0	0	0	9	10	180	17
CUT MO.	149	598	0	0	157	1118	18	952	273	4477
CUT YTD	578	5027	71	281	1377	8518	1117	7613	5927	42838
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	1	1	1	39
3583	14	23	0	0	0	0	177	29	0	0
3584	1	208	0	0	0	0	0	0	2	118
3586	0	0	1	19	1	8	0	0	0	0
3587	0	0	1	14	0	0	3	34	0	0
3588	0	0	0	0	0	0	2	40	3	84
3589	0	0	5	58	0	0	0	0	0	0
3591	0	0	0	0	0	0	4	80	0	0
3592	0	0	2	28	0	0	10	480	4	1157
3593	0	0	0	0	0	0	0	0	1	133
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	3	19
3596	1	203	0	0	0	0	0	0	1	4
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	4	16	0	0	5	262
FRM MO.	16	434	9	119	5	24	197	663	20	1814
FRM YTD	115	1912	38	510	59	968	1478	4762	565	11597
TOT MO.	165	1032	9	119	162	1142	215	1615	293	6291
TOT YTD	693	6939	109	771	1446	9484	2595	12375	6492	54435

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JULY 1987

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000
674:	0	0	4	1032	0	0	0	0	0	0
3025	0	0	3	986	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	6	274	1	67	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	3	346	11	1111	0	0	1	124	0	0
3412	0	0	10	550	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	12	782	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	1	6	4	878	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	2	13
3336	0	0	5	35	0	0	0	0	0	0
3342	7	58	5	536	0	0	4	20	0	0
3464	12	330	1	187	0	0	0	0	0	0
3466	0	0	2	14	0	0	0	0	0	0
3467	33	415	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	1	51	3	251	0	0	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	1	4	0	0	0	0	0	0	0	0
3481	0	0	1	79	0	0	0	0	0	0
3483	0	0	17	175	0	0	3	43	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	2	15	3	565	0	0	0	0	0	0
3508	0	0	1	168	0	0	0	0	1	15
3510	0	0	2	792	0	0	0	0	0	0
3512	66	401	0	0	42	401	2	15	1	16
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	3	109	3	180	42	274	0	0	2	19
3527	1	5	4	1757	0	0	1	55	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	10	83	79	917	0	0	3	23	0	0
3533	11	41	1	693	0	0	0	0	0	0
3539	0	0	1	272	0	0	0	0	0	0
3541	0	0	3	29	0	0	0	0	0	0
3543	0	0	8	83	12	110	8	24	0	0
3546	1	582	4	1842	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	3	12	3	970	0	0	0	0	0	0
3559	8	581	5	241	0	0	2	6	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	31	958	0	0	0	0	0	0
3567	2	525	0	0	0	0	0	0	0	0
3571	3	57	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	22	179	12	315	0	0	1	13	0	0
3578	1	113	0	0	0	0	0	0	0	0
3579	12	58	30	1175	0	0	24	489	0	0
4000	32	312	148	816	1	7	15	96	0	0
5000	320	230	23120	508	0	0	160	143	0	0
CUT MO.	561	4986	23537	18965	97	793	224	1051	6	64
CUT YTD	6482	44564	47614	155950	311	2967	4741	13289	151	790
1010	0	0	4	92	0	0	6	192	0	0
3582	5	12	0	0	0	0	21	301	0	0
3583	5	4	589	211	0	0	13	10	0	0
3584	0	0	0	0	0	0	0	0	0	0
3586	9	160	1	3	0	0	7	105	0	0
3587	0	0	8	98	0	0	0	0	0	0
3588	1	237	1	35	0	0	0	0	0	0
3589	2	17	0	0	0	0	6	134	0	0
3591	0	0	0	0	0	0	1	8	0	0
3592	0	0	6	237	0	0	42	344	0	0
3593	0	0	1	1050	0	0	0	0	0	0
3594	1	22	0	0	0	0	1	9	0	0
3595	5	110	2	77	0	0	1	35	0	0
3596	4	61	4	246	0	0	1	11	1	15
3597	0	0	3	476	0	0	1	199	0	0
3598	0	0	9	119	0	0	5	58	0	0
3599	7	84	15	1834	0	0	22	562	0	0
FRM MO.	39	706	643	4478	0	0	127	1963	1	15
FRM YTD	1109	10802	3055	39103	0	0	1352	16946	1	15
TOT MO.	600	5692	24180	23442	97	793	351	3014	7	79
TOT YTD	7591	55366	50669	195053	311	2967	6093	30235	152	804

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JULY 1987

	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000	UNITS	\$000
674:										
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	1	16	0	0	0	0	0	0
3404	0	0	0	0	137	11509	0	0	0	0
3406	0	0	0	0	21	1846	0	0	0	0
3407	0	0	0	0	69	12186	0	0	0	0
3411	0	0	0	0	19	1526	3	174	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	1	371	0	0	0	0
3419	0	0	0	0	1	115	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	11	422	0	0	0	0
3329	0	0	0	0	13	276	0	0	0	0
3334	0	0	0	0	0	0	1	25	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	17	396	0	0	0	0
3464	0	0	1	12	5	294	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	3	53	0	0	20	100
3468	0	0	0	0	0	0	0	0	0	0
3469	20	88	0	0	7	246	0	0	0	0
3476	0	0	0	0	7	767	0	0	0	0
3477	0	0	0	0	4	152	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	1	31	0	0	0	0
3504	0	0	0	0	13	1391	0	0	0	0
3506	0	0	0	0	287	17118	19	812	7	63
3508	0	0	0	0	28	2148	0	0	0	0
3510	0	0	0	0	22	1428	0	0	0	0
3512	0	0	0	0	0	0	18	56	22	190
3513	0	0	0	0	8	444	0	0	0	0
3514	0	0	0	0	7	317	0	0	0	0
3515	0	0	0	0	3	98	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	2	206	0	0	0	0
3519	0	0	0	0	15	1416	0	0	0	0
3522	0	0	0	0	2	107	11	83	0	0
3527	0	0	0	0	11	88	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	6	89	0	0	0	0
3533	0	0	0	0	2	236	0	0	0	0
3539	0	0	0	0	1	85	0	0	0	0
3541	0	0	0	0	3	54	0	0	0	0
3543	0	0	2	10	44	372	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	6	255	0	0	0	0
3556	1	6	0	0	1	274	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	9	966	0	0	0	0
3562	1	18	0	0	31	2642	0	0	0	0
3564	0	0	0	0	9	561	0	0	0	0
3567	0	0	0	0	7	1140	0	0	0	0
3571	0	0	0	0	1	15	0	0	0	0
3576	0	0	0	0	16	786	0	0	0	0
3577	0	0	1	43	23	487	1	10	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	21	984	0	0	0	0
4000	0	0	0	0	11	163	0	0	0	0
5000	418	78	0	0	5772	777	159	29	4	2
CUT MO.	440	189	5	80	6677	64843	212	1187	53	355
CUT YTD	2441	2047	25	883	41472	478957	886	9043	1330	8005
1010	0	0	0	0	11	410	0	0	0	0
3582	0	0	0	0	6	189	0	0	0	0
3583	0	0	0	0	226	190	0	0	0	0
3584	0	0	0	0	19	2713	0	0	0	0
3586	0	0	6	103	21	1220	0	0	0	0
3587	0	0	0	0	4	305	0	0	0	0
3588	0	0	0	0	9	761	0	0	0	0
3589	0	0	2	63	38	478	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	0	0	7	254	0	0	0	0
3593	0	0	0	0	20	789	0	0	0	0
3594	0	0	0	0	38	13850	0	0	0	0
3595	0	0	0	0	1	3	0	0	0	0
3596	0	0	0	0	3	11834	0	0	0	0
3597	0	0	0	0	6	383	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	45	995	0	0	0	0
FRM MO.	0	0	8	166	454	34373	0	0	0	0
FRM YTD	196	9	68	1365	4804	186540	8	62	84	861
101 MO.	440	189	13	246	7131	99216	212	1187	53	355
101 YTD	2637	2055	91	2248	46276	665497	894	9105	1414	4864

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JULY 1987

	TAIWAN		AUSTRALIA		ALL OTHERS	
	UNITS	\$000	UNITS	\$000	UNITS	\$000
674:	0	0	0	0	0	0
3025	0	0	0	0	0	0
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	0	0	0	0	0	0
3406	5	306	0	0	0	0
3409	0	0	0	0	0	0
3411	0	0	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	5	229	0	0	0	0
3422	0	0	0	0	0	0
3423	12	368	0	0	0	0
3328	4	122	0	0	0	0
3329	0	0	0	0	0	0
3334	6	22	0	0	1	9
3336	6	26	0	0	0	0
3342	16	221	0	0	1	10
3464	12	544	0	0	1	13
3466	0	0	0	0	0	0
3467	134	572	0	0	0	0
3468	34	308	0	0	0	0
3469	30	226	0	0	1	3
3476	1	43	0	0	0	0
3477	0	0	0	0	0	0
3481	1	59	0	0	0	0
3483	0	0	0	0	0	0
3504	0	0	0	0	0	0
3506	9	362	0	0	0	0
3508	0	0	0	0	0	0
3510	0	0	0	0	0	0
3512	129	731	0	0	40	286
3513	2	12	0	0	0	0
3514	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3505	1	41	0	0	0	0
3519	1	40	1	13	0	0
3522	2	11	0	0	0	0
3527	13	83	0	0	0	0
3528	0	0	0	0	0	0
3529	18	116	0	0	0	0
3533	0	0	0	0	0	0
3539	0	0	0	0	0	0
3541	0	0	0	0	0	0
3543	58	390	0	0	1	14
3546	0	0	0	0	0	0
3554	2	10	0	0	0	0
3556	0	0	0	0	1	218
3558	1	13	0	0	0	0
3559	17	67	0	0	8	20
3562	0	0	17	112	0	0
3564	16	149	0	0	0	0
3567	0	0	0	0	0	0
3571	12	31	0	0	0	0
3576	0	0	0	0	0	0
3577	42	183	0	0	1	8
3578	0	0	0	0	0	0
3579	0	0	0	0	1	4
4000	47	153	0	0	1	6
5000	81099	5925	0	0	6457	201
CUT MO.	81735	11363	18	125	6516	792
CUT YTD	522609	76236	75	365	47601	6812
1010	1	8	0	0	0	0
3582	0	0	0	0	2	6
3583	859	200	0	0	85	83
3584	0	0	0	0	2	293
3586	0	0	0	0	3	41
3587	0	0	0	0	0	0
3588	0	0	0	0	1	22
3589	2	17	0	0	0	0
3591	0	0	0	0	0	0
3592	11	29	0	0	2	49
3593	0	0	4	82	0	0
3594	3	57	0	0	1	3
3595	4	41	0	0	0	0
3596	0	0	0	0	2	296
3597	0	0	0	0	0	0
3598	0	0	0	0	0	0
3599	3	17	0	0	4	35
FRM MO.	883	369	4	82	102	827
FRM YTD	4970	2016	36	258	371	8097
101 MO.	82618	11732	22	207	6618	1619
101 YTD	527579	78252	111	623	47972	14910

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
JULY 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	\$000	UNITS	\$000	UNITS	\$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	4	46	0	0	4	46
EAST GERMANY	1	218	0	0	1	218
FINLAND	0	0	4	589	4	589
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
IRELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	2	3	0	0	2	3
POLAND	40	286	0	0	40	286
ROMANIA	0	0	0	0	0	0
USSR	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	47	554	4	589	51	1142
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & M. IS.	0	0	0	0	0	0
MEXICO	6466	223	57	199	6523	423
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	6466	223	57	199	6523	423
OTHER SOUTH AMERICA						
ARGENTINA	0	0	0	0	0	0
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URUGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	1	3	37	5	38	8
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	1	3	37	5	38	8

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
JULY 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	\$000	UNITS	\$000	UNITS	\$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	2	12	0	0	2	12
INDIA	0	0	0	0	0	0
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SWI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	2	12	0	0	2	12
OTHER AFRICA						
AFANS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	0	0	4	35	4	35
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	0	0	4	35	4	35

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1) '0-' = DOLLAR AMOUNT LESS THAN \$500. 2) N.E.C. - NOT ELSEWHERE CLASSIFIED. 3) INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4) MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.